

APPENDIX F

SCOPING MEETING PRESENTATION



PUBLIC SCOPING MEETINGS MAY 5, 6, & 7, 2008



SOUTH VALLEY FACILITIES EXPANSION ENVIRONMENTAL IMPACT STATEMENT

SOUTH VALLEY FACILITIES EXPANSION - ENVIRONMENTAL IMPACT STATEMENT

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GROUND RULES

- Silence cell phones
- Step outside for conversations
- Be respectful
- Provide comments in writing

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PRESENTATION OVERVIEW

- South Valley Facilities Expansion Project (SVFE)
- National Environmental Policy Act (NEPA)
- Environmental Impact Statement (EIS)
- Scoping
- Next Steps

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SVFE PROJECT

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SOUTHERN NEVADA WATER AUTHORITY

- SNWA member agencies
 - Las Vegas Valley Water District
 - City of Henderson
 - City of Las Vegas
 - City of North Las Vegas
 - City of Boulder City
 - Big Bend Water District
 - Clark County Water Reclamation District

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SNWA ROLES AND RESPONSIBILITIES

- Meet water supply needs
- Distribute water supplies
- Coordinate and manage water resources
- Conservation
- Ensure water quality
- Long-term water resource planning
- Build and operate regional facilities

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WHY THE PROJECT IS NEEDED

- South Valley Lateral (SVL) delivers water to:
 - City of Henderson (COH)
 - Las Vegas Valley Water District (LVVWD)
- SVL capacity is projected to be exceeded by 2016
 - Based on current COH and LVVWD water need projections

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PURPOSE AND NEED

- Purpose
 - Expand capacity to treat and convey existing water supplies
- Need
 - Meet water demand patterns
 - Increase system reliability
 - Provide relief during emergency outages
 - Add system flexibility
 - Provide continued service during planned outages

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PROJECT ELEMENTS

- New raw water transmission line
- Expand water treatment facilities
- New treated water conveyance system

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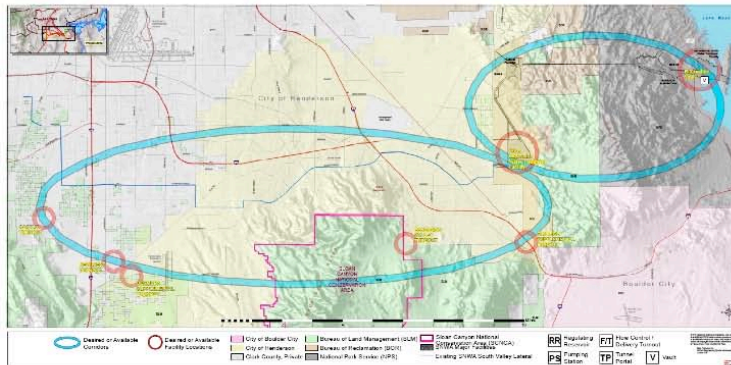
PROJECT COMPONENTS

- Pipelines
- Pumping stations
- Tunnels
- Turnouts (delivery points)
- Power facilities
- Regulating/storage reservoirs
- Water Treatment

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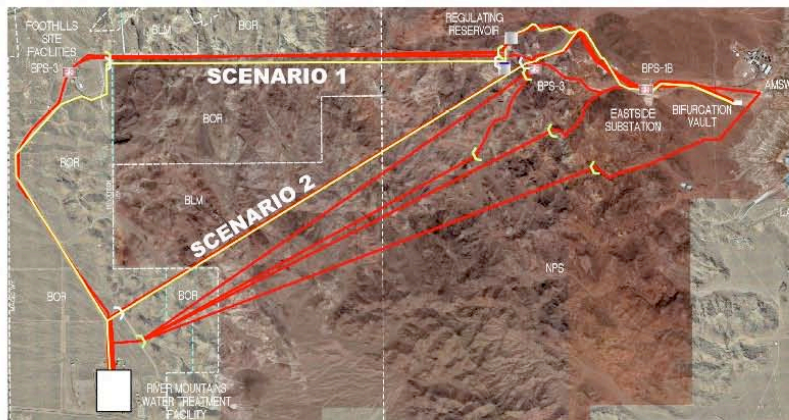
PROJECT PARAMETERS



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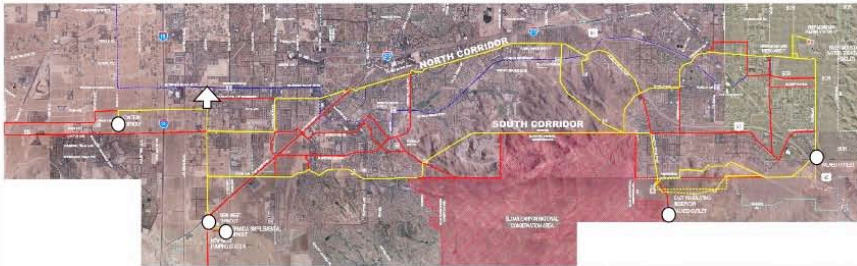
RAW WATER TRANSMISSION ALIGNMENTS



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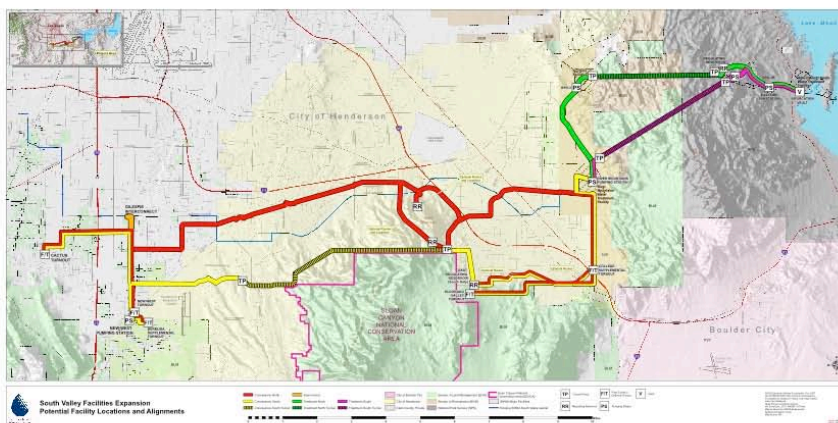
TREATED WATER CONVEYANCE ALIGNMENTS



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SCOPING ALTERNATIVES



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NEPA PROCESS

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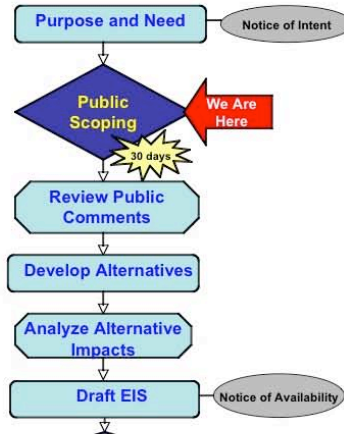
PROPOSED NEPA ACTION

- Authorization for SNWA to use public land for:
 - Construction
 - Operation
 - Maintenance
- Public land managed by:
 - Bureau of Reclamation
 - Bureau of Land Management
 - National Park Service

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NEPA PROCESS



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NEPA PROCESS (continued)



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Environmental Impact Statement

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EIS CONTENT

- Purpose and need for project
- Alternatives
- Baseline environment
- Impacts
- Mitigation measures

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CREATE ALTERNATIVES

- No action
- Other alternatives
 - Pipeline alignments
 - Facility locations
 - pumping stations
 - storage reservoirs
 - Pipeline construction methods
 - cut and cover
 - tunneling

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RESOURCES EVALUATED

- Air quality
- Geology and soils
- Water resources and water quality
- Biological resources
- Land use and land ownership
- Infrastructure and transportation

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RESOURCES EVALUATED

(continued)

- Noise
- Visual resources
- Recreation
- Social and economic issues
- Cultural resources
- Native American concerns

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SCOPING

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PUBLIC SCOPING

- Receive written comments on:
 - potential alternatives
 - environmental resources to be evaluated
 - potential impacts
 - other issues and concerns
- Gather information on resources
- Explain NEPA process
- Encourage dialogue

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YOUR COMMENTS

- Written comments will be used to:
 - develop alternatives
 - identify resources
 - identify issues
 - identify mitigation measures

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SUBMIT COMMENTS

Bureau of Reclamation
Lower Colorado Region
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Boulder City, NV 89006-1470

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E-mail: svfe-eis@lc.usbr.gov

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NEXT STEPS

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PUBLIC REVIEW OPPORTUNITIES

- Scoping period closes
 - May 23, 2008
- Draft EIS available for public review and comment
 - Spring/Summer 2009
- Final EIS available for public review and comment
 - Fall/Winter 2009

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Thank you!



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